10/042,666

## **WEST Search History**

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DATE: Tuesday, July 06, 2004

Hide?	<u>Set</u> Name	Query	<u>Hi</u> Cou		
DB=USPT,PGPB; PLUR=YES; OP=OR					
	L46	L45 and @pd > 20031217	1		
	L45	L3 or L8 or L10 or L11 or L12 or L13 or L14 or L16 or L18 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L29 or L31 or L32 or L34 or L38 or L39 or L40 or L42 or L43	13		
DB = USPT, PGPB, JPAB, EPAB, TDBD; PLUR = YES; OP = OR					
	L44	L43 or L41	9		
	L43	L42 not L41			
	L42	(L37 or L36) and (wall same ((aluminum and yttrium) or yag))			
	L41	L40 or L35	8		
	L40	L39 not "yag laser"	1		
	L39	L38 not L35	1		
	L38	L36 and L37	1		
	L37	((chamber or vessel or apparatus or wall)) and (((aluminum and yttrium) or yag) same (coating or film or layer)) and (graded or gradient)	13		
	L36	(vacuum adj3 (chamber or vessel or apparatus or wall)) and (((aluminum and yttrium) or yag) same (coating or film or layer))	10		
	L35	L34 or L33	7		
	L34	L31 not L33	1		
	L33	L27 or L29	6		
	L32	L31	1		
	L31	L28 not "yag laser"	1		
	L30	L29 not L27			
	L29	L1 and L28			
	L28	("process gas" or exhaust or "substrate support") and L4	5		
	L27	L26 or L23	6		
	L26	L25 not L23	1		
	L25	concentration and L24	1		
	L24	L17 and (graded or gradient)	2		
	L23	L22 or L21	4		
	L22	L20 not L21	2		
	L21	L18 or L16	2		

L20	L17 not "yag laser"	2		
L19	L18 not L16			
L18	L1 and L17			
L17	L4 and ((yttrium or yag or aluminum) same (graded or gradient or concentration))	6		
L16	L14 or L12	2		
L15	L4 and (process\$ adj3 apparatus)	4		
L14	L13 not L12	1		
L13	L9 not "yag laser"	1		
L12	L10 or L8	1		
L11	L10 not L8			
L10	L1 and L9			
L9	L4 and (vacuum same chamber)	7		
L8	L1 and L7	1		
L7	(((surface or coating) same (yttrium)) and ((surface or coating) same aluminum) and (yttrium adj6 aluminum))	14		
L6	L5	13		
DB=USPT,PGPB; PLUR=YES; OP=OR				
L5	(((surface or coating) same (yttrium)) and ((surface or coating) same aluminum) and (yttrium adj6 aluminum))	13		
L4	(((surface or coating) same (yttrium)) and ((surface or coating) same aluminum) and (yttrium adj6 aluminum)) or ((surface or coating) same yag)	65		
L3	L1 and L2	4		
L2	(((surface or coating) same (yttrium)) and ((surface or coating) same aluminum) and (yttrium same aluminum)) or ((surface or coating) same yag)	85		
 L1	((118/722 118/715 118/728 118/726 118/75 118/500 118/506)!.CCLS.  (428/697  428/701 428/702 428/610 428/615 428/650 428/651 428/652 428/653 428/654  428/640 428/639 428/34.1 428/34.4 428/34.6 428/213 428/332 428/334 428/472.2 428/469 428/472.1)!.CCLS.  (or/)!.CCLS.)	209		

## END OF SEARCH HISTORY

 $h \qquad e \quad b \qquad cg \quad b \quad chh \qquad e \qquad gg \qquad \qquad f \quad ff \; e \quad ch \quad e$